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ESTIMATED CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND
EQUIPMENT BY FARM OPERATORS, BY STATES, 1969 (PRELIMINARY)

FARMER COOPERATIVE SERVICE
U.S. DEPARTMENT OF AGRICULTURE

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Farmer Cooperative Service conducts research; advises directly with cooperative leaders and others; promotes cooperative organization and development through other Federal and State agencies; and publishes results of its research, issues News for Farmer Cooperatives, and other educational material.

This work is aimed (1) to help farmers get better prices for their products and reduce operating expenses, (2) to help rural and small-town residents use cooperatives to develop rural resources, (3) to help these cooperatives expand their services and operate more efficiently, and (4) to help all Americans understand the work of these cooperatives.

PREFACE

This report is prepared annually to meet requests from cooperatives, other supply firms, land-grant universities, and other agencies for information on farm production expenditures for supplies and equipment. Many find the data useful in conducting market research and in determining trends in expenditures on a State and regional basis.

Table 1 contains total cash expenditures for farm production supplies and equipment for the United States. Table 2 contains the same information on a State basis. Appendix table 1 contains total cash expenditures for all non-supplies and equipment for the United States.

These tables were compiled by Farmer Cooperative Service from basic data on production expenditures of farm operators developed by the Farm Income Branch, Economic and Statistical Analysis Division, Economic Research Service, U. S. Department of Agriculture. Such expenditures were presented in preliminary form in the July, 1970 issue of the Farm Income Situation, FIS-216. Revised figures will be published in the corresponding issue in 1971. These data do not include farm family living expenditures, thus 60 percent of farm automobile expenses, 22 percent of farm truck expenses, 100 percent of farm home heating fuels, and 100 percent of other farm home supplies and equipment were excluded.

In preparing estimates of cash expenditures for production supplies and equipment from these data, we excluded estimates of amounts spent for non-supply items (such as livestock, taxes, interest, hired farm labor, repair labor and various other services) used in farm production. The basis for excluding specified items is included in the footnotes to Table 1.

Although estimates for some items were made from limited data, these were based on the best information currently available. The data for each State are subject to greater error than the U. S. totals. Estimates for some items may be revised later on the basis of more current information obtained by the Bureau of the Census and special surveys by the U. S. Department of Agriculture.

J. Warren Mather, Director
Farm Supplies Division

Table 1.--Estimated cash expenditures for farm production supplies and equipment by farm operators, United States, 1969.

Item	1969
	\$1,000
Current farm operating expenses:	
Feed <u>1/</u>	4,633,620
Seed <u>2/</u>	696,904
Fertilizer and lime <u>3/</u>	2,012,839
Total.....	9,343,413
Repairs and operation of capital items:	
Building materials <u>4/</u> (see expenditures for capital items below).....	541,680
Petroleum fuel and oil for motor vehicles <u>5/</u>	1,713,054
Repair parts, tires, and batteries for motor vehicles <u>6/</u>	619,516
Repair parts and tires for other farm machinery <u>7/</u>	363,747
Total.....	3,238,297
Miscellaneous operating supplies:	
Miscellaneous hardware <u>8/</u>	228,714
Small hand tools.....	39,394
Containers.....	161,326
Binding materials.....	67,451
Pesticides <u>9/</u>	728,547
Veterinary medicines <u>10/</u>	152,461
Greenhouse and nursery supplies.....	79,866
Dairy supplies <u>11/</u>	63,255
Harness and saddlery.....	9,020
Total.....	1,534,074
Total current farm operating supplies and equipment..	14,115,784
Capital items: <u>12/</u>	
Building materials <u>13/</u>	1,022,465
Tractors.....	995,315
Trucks.....	706,200
Automobiles <u>14/</u>	687,343
Other farm machinery and equipment.....	2,415,152
Total capital items <u>15/</u>	5,826,475
Grand total--all supplies and equipment.....	19,942,259

1-15/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Excludes estimates of farmers' cash expenditures for nonsupply items used in farm production, and excludes all farm family living expenditures.

Note: Cash expenditures by farmers for nonsupply items were \$17,978 million in 1969. (See appendix table 1.) Thus, total cash expenditures for both supply and nonsupply items by U.S. farm operators for production purposes totaled \$37,920 million in 1969. If "depreciation" rather than "cash expenditures" for capital items is used in computing net income of farm operators, "production expenditures," plus other minor changes, total \$38,444 million in 1969.

Cash expenditures for production supplies and equipment accounted for 51.9 percent of total cash expenditures for all production items (including supply and nonsupply items) in 1969.

Cash receipts from farming totaled \$47,229 million in 1969. Cash expenditures for production supplies and equipment, therefore, were equivalent to 42.2 percent of cash farm receipts.

Total cash expenditures for all farm production items, including supply and nonsupply items, accounted for 80.3 percent of cash receipts from farming in 1969.

See Farm Income Situation, FIS 216. July 1970, Economic Research Service, U.S. Department of Agriculture.

Footnotes for Table 1

- 1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Excludes feed charged to farmers at stockyards. Definition of feed expenditures in 1964 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay (and other roughage) millfeeds, salt, condiments, concentrates, and mineral supplements. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by tenant to his landlord for feed grown on the tenant farm were to be excluded."
- 2/ Includes seed transactions among farmers estimated at 10 percent of total.
- 3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.
- 4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials, plumbing equipment, fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 26 percent of total expenditures for repairs and maintenance of farm buildings.
- 5/ Includes only 40% of petroleum products used in farm automobiles and 78% used in farm trucks attributed to farming business use; excludes the remaining percentages as amounts attributed to farm family living expenditures. Based on definition as used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."
- 6/ Includes only 40 percent of total operating costs of farm automobiles and 78% of costs of farm trucks as amounts attributed to farming business. Excludes labor estimated at 36 percent of repair expenses for automobiles, 38 percent for trucks, and 64 percent for tractors. Also excludes insurance and license fees for all vehicles. "Tires, tubes, and tire repairs" expenses were estimated to be 20 percent of U. S. expenditures for "tires, tubes, and tire repairs plus repair parts and batteries" for motor vehicles.
- 7/ Excludes labor estimated at 45 percent of total repair business.
- 8/ Includes blacksmithing and horseshoeing expense.
- 9/ State data subject to revision based on more current information. Total excludes about \$50 million of livestock sprays and disinfectants. (These are included in veterinary medicines and supplies.)
- 10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$60 million.
- 11/ Excludes dairy equipment. It is in "other machinery and equipment."
- 12/ Compiled by Farmer Cooperative Service as follows: The ratio of U.S. total "farm depreciation and other farm capital consumption" to the U.S. total "gross farm capital expenditures" was applied to the State data on "depreciation and other farm capital consumption." (In 1965, the Economic Research Service revised U.S. gross farm capital expenditures from 1930 to date. This reduced expenditures in most years for buildings and increased those for farm machinery and equipment.)
- 13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials, plumbing equipment, fences, windmills, wells, and dwellings not occupied by farm operators. Excludes labor estimated at 26 percent of total.
- 14/ Includes only 40 percent of expenditures for farm automobiles and 78 percent of expenditures for farm trucks as amounts attributed to farming business.
- 15/ The cash expenditures for capital items (table 1) and labor for new buildings (appendix table 1) total \$6,185 million compared to \$6,672 million for "depreciation and other consumption from accidental damage of farm capital" in 1969.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1969

: Current farm operating supplies and equipment				
State and area	: Feed <u>1/</u>	: Seed <u>2/</u>	: Fertilizer : : and lime <u>3/</u>	Total
				<u>\$1,000</u>
North Atlantic:				
Maine.....	57,119	3,739	8,379	69,237
New Hampshire.....	18,844	497	960	20,301
Vermont.....	44,623	752	2,715	48,090
Massachusetts.....	32,042	4,594	3,005	39,641
Rhode Island.....	4,838	808	649	6,295
Connecticut.....	38,379	3,329	3,557	45,265
New York.....	227,621	22,257	31,789	281,667
New Jersey.....	33,893	7,338	9,948	51,179
Pennsylvania.....	220,373	18,272	33,871	272,516
East North Central:				
Ohio.....	175,062	25,154	72,081	272,297
Indiana.....	197,330	24,385	85,199	306,914
Illinois.....	270,316	54,134	195,994	520,444
Michigan.....	80,515	17,018	40,296	137,829
Wisconsin.....	188,008	21,525	47,031	256,564
West North Central:				
Minnesota.....	234,133	32,398	93,528	360,059
Iowa.....	551,098	50,870	168,800	770,768
Missouri.....	222,707	20,613	78,689	322,009
North Dakota.....	26,856	12,776	25,471	65,103
South Dakota.....	103,758	10,715	19,907	134,380
Nebraska.....	241,206	17,158	79,386	337,750
Kansas.....	172,789	13,855	82,438	269,082
South Atlantic:				
Delaware.....	42,734	2,051	5,066	49,851
Maryland.....	84,636	5,539	16,194	106,369
Virginia.....	85,270	8,664	31,986	125,920
West Virginia.....	19,685	1,247	4,022	24,954
North Carolina.....	189,922	15,682	64,476	270,080
South Carolina.....	49,714	6,253	33,839	89,806
Georgia.....	236,745	17,029	74,214	327,988
Florida.....	130,851	21,157	71,658	223,666
South Central:				
Kentucky.....	74,703	8,901	43,234	126,838
Tennessee.....	82,387	12,363	37,539	132,289
Alabama.....	159,248	8,448	42,480	210,176
Mississippi.....	129,656	10,797	41,952	182,405
Arkansas.....	203,339	17,894	31,185	252,418
Louisiana.....	68,410	14,808	27,048	110,266
Oklahoma.....	145,757	10,296	33,098	189,151
Texas.....	432,275	41,540	115,338	589,153
Western:				
Montana.....	44,216	3,841	12,850	60,907
Idaho.....	59,055	18,819	31,211	109,085
Wyoming.....	22,833	1,225	4,860	28,918
Colorado.....	171,126	8,629	14,428	194,183
New Mexico.....	43,685	2,626	7,595	53,906
Arizona.....	117,554	5,325	18,085	140,964
Utah.....	41,409	2,553	3,890	47,852
Nevada.....	15,006	498	1,087	16,591
Washington.....	93,866	17,116	30,060	141,042
Oregon.....	68,510	10,564	23,207	102,281
California.....	667,010	60,113	96,041	823,164
48 States.....	6,621,112	696,165	2,000,336	9,317,613
Alaska.....	600	111	478	1,189
Hawaii.....	11,908	628	12,075	24,611
United States	6,633,620	696,904	2,012,889	9,343,413

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1969 (continued)

State and area	Current farm operating supplies and equipment:				
	Repairs and operation of capital items				
	: Petroleum		: Repair parts		Total repairs and operation of capital items
	: Building materials:	: fuel and oil for	: tires, and batteries for motor vehicles	: & tires for other farm machinery	
	4/	5/	6/	7/	
\$1,000					
North Atlantic:					
Maine.....	2,742	6,254	1,972	1,395	11,663
New Hampshire.....	848	1,880	658	260	3,646
Vermont.....	1,793	4,730	1,354	823	8,700
Massachusetts.....	2,271	5,211	1,454	844	9,780
Rhode Island.....	359	786	242	144	1,531
Connecticut.....	2,114	4,418	1,333	704	8,569
New York.....	15,585	38,745	11,598	7,126	73,054
New Jersey.....	3,449	10,038	3,581	1,831	17,899
Pennsylvania.....	18,479	36,068	13,192	6,978	74,717
East North Central:					
Ohio.....	22,126	54,031	14,529	13,208	103,912
Indiana.....	20,419	56,417	20,362	10,437	110,715
Illinois.....	27,870	104,107	51,780	26,012	190,589
Michigan.....	16,316	42,325	15,619	1,323	85,583
Wisconsin.....	18,233	59,899	21,046	17,746	117,924
West North Central:					
Minnesota.....	31,741	85,098	30,178	23,657	170,676
Iowa.....	17,319	104,082	36,464	27,213	186,778
Missouri.....	27,206	57,276	27,298	10,928	119,778
North Dakota.....	8,700	56,838	16,709	15,432	47,679
South Dakota.....	8,657	47,067	14,888	13,939	84,551
Nebraska.....	14,371	70,984	23,056	18,663	127,074
Kansas.....	12,311	69,153	26,769	17,698	128,731
South Atlantic:					
Delaware.....	1,110	2,796	939	410	5,255
Maryland.....	6,483	11,879	3,882	1,844	24,088
Virginia.....	12,510	22,715	10,373	4,785	50,663
West Virginia.....	3,111	5,238	3,041	1,129	12,599
North Carolina.....	20,436	54,144	18,882	6,175	99,637
South Carolina.....	8,452	21,801	7,800	2,977	41,030
Georgia.....	15,459	36,306	15,235	4,758	71,758
Florida.....	6,201	32,722	9,851	1,152	41,926
South Central:					
Kentucky.....	15,651	26,508	14,919	4,438	61,546
Tennessee.....	18,066	26,063	13,643	4,437	62,209
Alabama.....	13,770	22,380	10,547	3,696	49,393
Mississippi.....	15,225	34,168	14,078	3,552	67,023
Arkansas.....	10,017	39,650	16,623	4,124	70,414
Louisiana.....	11,492	22,217	12,445	3,106	49,260
Oklahoma.....	10,867	33,989	19,193	9,286	73,335
Texas.....	26,280	133,514	50,087	21,039	230,920
Western:					
Montana.....	5,563	30,126	12,262	7,903	55,854
Idaho.....	5,728	25,630	10,712	6,374	48,444
Wyoming.....	1,951	9,005	3,726	2,249	16,931
Colorado.....	6,056	29,511	11,956	8,277	55,800
New Mexico.....	2,276	11,493	4,835	2,073	20,677
Arizona.....	1,782	15,265	4,229	2,135	23,411
Utah.....	2,903	9,165	4,027	1,768	17,863
Nevada.....	520	3,047	1,007	523	5,097
Washington.....	12,697	27,460	11,457	5,158	56,772
Oregon.....	6,703	21,856	9,399	3,482	41,440
California.....	26,072	90,081	27,785	14,337	158,275
48 States.....	539,820	1,706,124	641,020	363,550	3,250,514
Alaska.....	68	251	100	42	461
Hawaii.....	1,792	6,679	926	155	9,552
United States.....	541,680	1,713,054	642,046	363,747	3,260,527

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1969 (continued)

State and area	Current farm operating supplies and equipment:				
	Miscellaneous operating supplies				
	Miscellaneous:	Small	Containers	Binding	Pesticides
	hardware 8/	hand tools:		materials	9/
	<u>\$1,000</u>				
North Atlantic:					
Maine.....	417	206	4,540	286	7,289
New Hampshire.....	116	74	568	122	1,672
Vermont.....	475	152	605	569	1,593
Massachusetts.....	150	130	1,964	152	3,822
Rhode Island.....	18	20	508	17	443
Connecticut.....	136	98	1,489	137	2,470
New York.....	3,407	839	20,483	3,119	17,734
New Jersey.....	383	127	8,351	218	6,637
Pennsylvania.....	3,457	1,067	6,021	2,279	13,874
East North Central:					
Ohio.....	6,887	1,546	2,922	1,583	18,032
Indiana.....	8,248	1,341	1,666	1,375	19,044
Illinois.....	16,037	1,752	1,811	2,126	32,524
Michigan.....	4,557	1,191	8,673	1,802	31,679
Wisconsin.....	7,202	1,560	2,467	4,632	12,167
West North Central:					
Minnesota.....	13,738	2,001	1,708	4,032	19,721
Iowa.....	15,728	2,219	107	4,281	32,611
Missouri.....	8,521	2,250	712	3,292	15,511
North Dakota.....	13,928	667	1,085	1,661	6,638
South Dakota.....	10,874	737	61	1,718	6,951
Nebraska.....	12,490	1,148	175	2,254	15,729
Kansas.....	15,170	1,365	109	2,987	12,292
South Atlantic:					
Delaware.....	383	39	280	58	2,012
Maryland.....	1,161	193	2,111	431	3,903
Virginia.....	2,115	752	2,255	1,039	13,264
West Virginia.....	584	309	525	492	3,086
North Carolina....	3,309	1,659	1,787	426	28,266
South Carolina....	1,850	546	1,330	231	14,301
Georgia.....	3,060	804	638	647	17,087
Florida.....	1,077	351	8,216	238	46,674
South Central:					
Kentucky.....	2,974	1,010	1,357	1,789	12,916
Tennessee.....	3,270	1,034	1,705	1,104	7,876
Alabama.....	2,206	719	953	490	12,380
Mississippi.....	3,882	784	26	717	21,460
Arkansas.....	5,646	817	655	762	23,284
Louisiana.....	2,836	589	788	327	14,710
Oklahoma.....	6,594	992	458	2,051	8,779
Texas.....	15,869	2,082	1,365	2,338	45,699
Western:					
Montana.....	6,504	609	132	1,529	6,003
Idaho.....	3,138	659	6,227	1,715	7,743
Wyoming.....	1,432	196	52	963	3,096
Colorado.....	4,711	707	2,602	1,660	10,782
New Mexico.....	906	315	981	785	6,080
Arizona.....	897	137	3,114	731	9,333
Utah.....	861	330	541	833	2,726
Nevada.....	376	48	32	507	1,180
Washington.....	3,539	992	3,595	1,249	18,086
Oregon.....	3,162	873	3,277	1,098	11,602
California.....	5,259	1,293	49,841	4,624	72,934
48 States.....	228,542	39,329	161,068	67,476	727,700
Alaska.....	18	4	23	4	24
Hawaii.....	154	61	245	1	823
United States.....	228,714	39,394	161,336	67,481	728,547

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1969 (continued)

State and area	Current farm operating supplies and equipment:				
	Miscellaneous operating supplies (continued)				
	Veterinary medicines :	Greenhouse & nursery supplies :	Dairy supplies :	Harness and saddlery :	Total miscellaneous operating supplies
	10/	supplies	11/	saddlery	operating supplies
\$1,000					
North Atlantic:					
Maine.....	1,562	304	410	26	15,040
New Hampshire....	211	418	237	11	3,629
Vermont.....	874	73	1,125	29	5,495
Massachusetts....	386	2,647	451	17	9,719
Rhode Island.....	46	280	50	3	1,385
Connecticut.....	456	1,269	518	11	6,584
New York.....	4,650	7,947	6,017	140	66,338
New Jersey.....	389	2,065	516	23	18,709
Pennsylvania.....	5,166	7,625	4,255	166	43,910
East North Central:					
Ohio.....	3,583	7,634	2,746	212	45,145
Indiana.....	2,977	2,166	1,401	152	38,370
Illinois.....	3,985	5,290	1,812	206	65,543
Michigan.....	2,456	4,406	2,689	103	57,556
Wisconsin.....	8,102	1,981	8,731	172	47,014
West North Central:					
Minnesota.....	6,200	2,004	5,221	178	54,803
Iowa.....	7,513	2,505	2,538	244	67,746
Missouri.....	5,240	1,081	1,510	307	38,424
North Dakota.....	2,018	262	519	178	26,956
South Dakota.....	3,672	144	726	181	25,064
Nebraska.....	4,600	323	867	201	37,787
Kansas.....	4,181	463	1,037	201	37,805
South Atlantic:					
Delaware.....	2,111	321	95	9	5,308
Maryland.....	3,632	1,101	998	49	13,579
Virginia.....	2,752	1,262	1,289	264	24,992
West Virginia....	810	305	255	118	6,484
North Carolina...	6,098	1,280	1,077	464	44,366
South Carolina...	1,140	218	449	218	20,283
Georgia.....	8,835	590	728	218	32,607
Florida.....	2,357	3,446	830	83	63,272
South Central:					
Kentucky.....	2,254	521	1,241	462	24,524
Tennessee.....	2,569	1,269	1,144	439	22,410
Alabama.....	6,701	566	604	301	24,920
Mississippi.....	5,037	128	635	444	33,113
Arkansas.....	7,563	358	337	244	39,671
Louisiana.....	1,886	644	544	269	22,593
Oklahoma.....	2,323	387	694	258	22,536
Texas.....	8,564	4,184	1,541	711	82,353
Western:					
Montana.....	1,470	123	191	258	16,819
Idaho.....	1,614	242	816	146	22,300
Wyoming.....	788	31	78	149	6,785
Colorado.....	1,816	1,116	519	201	24,114
New Mexico.....	783	27	186	163	10,226
Arizona.....	781	635	408	155	16,191
Utah.....	848	255	512	92	6,998
Nevada.....	317	14	96	57	2,627
Washington.....	1,821	1,098	1,184	109	31,673
Oregon.....	1,475	1,486	627	129	22,729
California.....	7,632	7,157	6,710	229	175,679
48 States.....	152,244	79,651	67,164	9,000	1,532,174
Alaska.....	14	10	10	1	108
Hawaii.....	203	205	81	19	1,792
United States.....	152,461	79,866	67,255	9,020	1,534,074

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1969 (continued)

State and area	Capital items <u>12/</u>			
	Building	Tractors	Trucks <u>14/</u>	Automobiles <u>14/</u>
	materials <u>13/</u>			
<u>\$1,000</u>				
North Atlantic:				
Maine.....	3,801	3,139	3,055	2,620
New Hampshire.....	1,582	1,238	1,132	1,042
Vermont.....	3,334	3,262	1,674	2,082
Massachusetts.....	4,227	2,272	2,216	1,332
Rhode Island.....	665	331	384	305
Connecticut.....	3,937	1,879	2,080	1,616
New York.....	29,093	27,250	13,662	15,087
New Jersey.....	6,485	4,191	3,529	2,562
Pennsylvania.....	34,600	30,304	15,787	21,194
East North Central:				
Ohio.....	42,332	40,296	21,351	30,084
Indiana.....	38,522	36,312	23,048	25,667
Illinois.....	52,549	58,772	28,046	31,287
Michigan.....	39,525	35,136	18,502	22,846
Wisconsin.....	35,636	51,898	22,347	29,591
West North Central:				
Minnesota.....	57,331	58,132	25,966	33,120
Iowa.....	35,610	68,495	25,084	38,544
Missouri.....	45,866	42,072	29,608	29,150
North Dakota.....	16,327	25,226	19,044	12,375
South Dakota.....	16,298	25,185	13,164	12,430
Nebraska.....	27,062	37,468	21,917	19,973
Kansas.....	23,426	35,815	31,210	21,643
South Atlantic:				
Delaware.....	2,087	1,547	1,109	1,025
Maryland.....	12,209	7,597	4,751	5,172
Virginia.....	23,675	16,390	13,300	14,800
West Virginia.....	5,989	5,037	5,292	5,291
North Carolina.....	38,556	32,493	24,608	29,707
South Carolina.....	16,036	10,610	8,799	10,650
Georgia.....	29,160	19,445	18,818	18,392
Florida.....	12,125	8,546	9,207	7,938
South Central:				
Kentucky.....	29,505	26,590	22,438	26,815
Tennessee.....	34,046	23,471	20,720	24,428
Alabama.....	26,042	15,812	17,031	16,812
Mississippi.....	28,853	19,488	17,643	17,745
Arkansas.....	19,155	19,199	18,727	12,860
Louisiana.....	21,909	12,696	11,604	10,661
Oklahoma.....	20,861	21,262	25,604	17,364
Texas.....	50,935	56,522	49,580	39,083
Western:				
Montana.....	10,687	13,191	13,932	6,825
Idaho.....	10,700	12,468	11,627	7,131
Wyoming.....	3,740	4,665	4,298	2,291
Colorado.....	11,573	13,501	13,435	7,526
New Mexico.....	4,391	3,880	5,790	3,071
Arizona.....	3,551	2,849	3,913	2,156
Utah.....	5,523	4,604	4,751	3,610
Nevada.....	1,015	1,219	1,042	539
Washington.....	24,001	13,605	14,725	11,191
Oregon.....	12,743	12,345	12,575	9,574
California.....	50,438	26,795	25,875	18,445
48 States.....	1,018,914	994,500	704,000	686,200
Alaska.....	130	140	176	73
Hawaii.....	3,421	675	2,024	1,070
United States.....	1,022,465	995,315	706,200	687,343

See pages 1 and 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1969 (continued)

State and area	Capital items (continued)		Grand total-- all supplies and equipment
	Other machinery & equipment	Total capital items <u>15/</u>	
		\$1,000	
North Atlantic:			
Maine.....	9,264	21,882	117,822
New Hampshire.....	1,727	6,721	54,277
Vermont.....	5,466	15,819	75,109
Massachusetts.....	5,602	16,149	75,227
Rhode Island.....	953	2,638	11,849
Connecticut.....	4,675	14,188	74,606
New York.....	47,313	132,405	553,464
New Jersey.....	12,156	28,929	116,716
Pennsylvania.....	46,330	148,215	539,358
East North Central:			
Ohio.....	87,694	221,757	648,501
Indiana.....	89,217	212,766	668,765
Illinois.....	172,712	343,367	1,119,943
Michigan.....	75,176	182,185	463,153
Wisconsin.....	117,829	257,309	678,711
West North Central:			
Minnesota.....	157,026	331,635	917,173
Iowa.....	120,688	348,421	1,373,713
Missouri.....	72,558	219,254	699,415
North Dakota.....	102,466	175,438	365,176
South Dakota.....	92,547	159,624	403,519
Nebraska.....	123,917	230,337	732,948
Kansas.....	130,789	242,883	678,501
South Atlantic:			
Delaware.....	2,724	8,492	68,906
Maryland.....	12,241	41,970	186,006
Virginia.....	31,771	99,936	301,511
West Virginia.....	7,497	29,114	73,151
North Carolina.....	40,999	166,363	580,446
South Carolina.....	19,767	65,862	216,981
Georgia.....	31,592	117,407	549,760
Florida.....	29,929	58,745	387,609
South Central:			
Kentucky.....	29,463	134,811	347,719
Tennessee.....	29,463	132,128	349,036
Alabama.....	17,902	93,599	378,088
Mississippi.....	23,583	107,312	389,853
Arkansas.....	27,381	97,322	459,825
Louisiana.....	20,622	77,500	259,619
Oklahoma.....	61,657	146,753	431,775
Texas.....	139,693	335,813	1,238,239
Western:			
Montana.....	52,476	97,111	230,691
Idaho.....	42,324	24,450	264,279
Wyoming.....	14,732	29,734	82,568
Colorado.....	54,956	100,991	375,088
New Mexico.....	13,763	30,895	115,704
Arizona.....	14,173	26,642	207,208
Utah.....	11,737	30,225	102,938
Nevada.....	3,473	7,287	31,603
Washington.....	34,246	97,768	327,255
Oregon.....	23,119	70,356	236,806
California.....	95,192	216,745	1,373,863
48 States.....	2,413,840	5,817,454	19,917,755
Alaska.....	282	801	2,559
Hawaii.....	1,030	8,220	44,175
United States.....	2,415,152	5,826,475	19,964,489

See pages 1 and 2 for source of data and footnotes.

Appendix table 1.--Estimated cash expenditures for nonsupply production items by farm operators, United States, 1969

Item	1969
	\$1,000
Current farm operating expenses:	
Livestock purchased.....	4,174,000
Hired labor <u>1</u> /.....	3,013,000
Total.....	7,187,000
Miscellaneous current operating expenses:	
Fire, wind, and crop hail insurance.....	204,812
Veterinary fees <u>2</u> /.....	65,341
Hired hauling of milk.....	150,145
Ginning.....	192,752
Crop insurance--FCIC.....	(3,453)
Tolls for sugar cane and sorgo syrup.....	- 0 -
Short-term interest on non-real-estate debts.....	1,714,790
Electricity.....	152,522
Grazing permits.....	14,160
Irrigation.....	147,310
Telephones.....	162,003
Marketing livestock charges.....	162,550
Total.....	2,962,742
Repairs and operation of capital items:	
Labor for repair of motor vehicles <u>3</u> /.....	751,164
Insurance and license fees for motor vehicles.....	328,500
Labor for repair of other farm machinery <u>4</u> /.....	277,612
Labor for repair of buildings <u>5</u> /.....	190,320
Total.....	1,547,596
Total cash farm operating expenses.....	11,717,538
Other cash farm expenditures:	
Taxes on farm property.....	2,753,233
Interest on farm mortgage debt.....	1,601,738
Net rent to nonfarm landlords <u>6</u> /.....	1,546,000
New capital items--labor for new buildings <u>7</u> /.....	359,245
Total.....	6,260,216
Grand total--all services and other nonsupply items.....	17,977,754

Source of Data: Farm Income Branch, Economic Research Service (ERS), U.S. Department of Agriculture. Excludes estimates of farmers cash expenditures for supplies and equipment used in farm production (see table 1 and footnotes).

Note: Cash expenditures for farm supply and equipment items were \$19,942 million in 1969 (see table 1). Thus, total cash expenditures for both supply and non-supply items by U.S. farm operators for production purposes totaled \$37,920 million in 1969. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$38,444 million in 1969. See Farm Income Situation, July 28, 1969, ERS; U.S. Department of Agriculture.

- 1/ Includes cash wages and Social Security taxes paid by employers. ("Hired labor" in ERS data on "current farm operating expenses" was \$3,192 million because perquisites were included.)
- 2/ Estimated to represent 30 percent of total for medicines and service fees.
- 3/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 36 percent for automobiles, 38 percent for trucks and 64 percent for tractors.
- 4/ Estimated to represent 45 percent of total for parts, tires, and labor.
- 5/ Estimated to represent 26 percent of total for building materials and labor.
- 6/ Net rent was \$1,303 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

(Footnotes continued on next page.)

7/ Labor estimated to represent 26 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operators' dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Tables by ERS on "production expenses of farm operators" use depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such capital items.

